

Claims

1. An apparatus with a stator (1) and with a sleeve (5) resting at least in part on the stator, in particular for an electric motor,

characterized in that

5 the sleeve (5) and the stator (1) together form a bayonet mount (30).

2. The apparatus of claim 1,

characterized in that

the bayonet mount (30) is formed by nonpositive engagement.

3. The apparatus of claim 1,

characterized in that

the stator (1) has at least one stator pole tooth (11), and

5 that the at least one stator pole tooth (11) has a curved outer face (43), whose outside radius (26) is spaced apart from a center axis (7) of the sleeve (5).

4. The apparatus of claim 1,

characterized in that

the sleeve (5) has a center axis (7) and an inner face (33) with at least one shoulder (37),

5 and beginning at the shoulder (37), a spacing between the inner face (33) and the center axis (7) decreases in one circumferential direction and increases in the opposite circumferential direction of the sleeve (5).

5. The apparatus of claim 1 or 3,

characterized in that

the stator (1) comprises at least one lamination packet.

6. The apparatus of claim 1 or 4,

characterized in that

the sleeve (5) is a magnetic short-circuit element.

7. The apparatus of one or more of claims 1, 4 or 6,

characterized in that

the sleeve (5) comprises at least one lamination packet.

8. The apparatus of one or more of claims 1, 3 or 5,

characterized in that

the stator (1) has an at least partly present plastic sheath (15).